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**TELECOMMUNICATION COVER PAGE**

DATE: MAY 30, 2007

TO: U.S. Patent and Trademark Office

FACSIMILE NO.: 571-273-8300

RE: U.S. Patent Application No. 10/526,132

FROM: Arthur M. Reginelli

TOTAL NUMBER OF PAGES (NOT INCLUDING COVER PAGE): 36

**COMMENTS:**

Attached please find a replacement, copy of International Preliminary Examination Report, Information Disclosure Statement, Form PTO/SB/08A (six sheets), two Foreign Publication, and Transmittal sheet (w/attached Certificate of Mailing).

Please disregard our previous submission as the Information Disclosure Statement was unsigned.

A confirmation call regarding this fax has been made to Ms. Tina Bell at 571-272-1553

P020391US2A(P342)

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of )

HOGAN et al. )

Serial No. 10/526,132 )

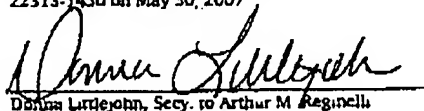
Filed February 28, 2005 )

For FUNCTIONALIZED POLYMERS AND )  
IMPROVED VULCANIZATES )  
THEREFROM )

Group Art Unit 1713

Roberto Robago, Examiner

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Donna L. Lidejohn, Secy. to Arthur M. Reginelli

## TRANSMITTAL SHEET

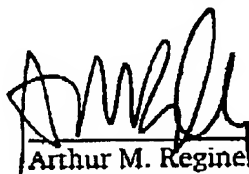
Enclosed are the following documents:

Copy of International Preliminary Examination Report  
Information Disclosure Statement  
Form PTO/SB/08A (six sheets)  
Two Foreign Publications  
Return Receipt Postcard

## AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT

The Commissioner is hereby authorized to charge payment of any fees  
associated with this communication or credit any overpayment to Deposit Account No.  
06-0925.

Respectfully submitted,



Arthur M. Reginelli, Reg. No. 40,139

Tama L. Drenski, Reg. No. 50,323

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Attorney for Applicants

May 30, 2007

P02039US2A(F342)

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In the application of )

HOGAN et al. )

Serial No. 10/526,132 )

Filed February 28, 2005 )

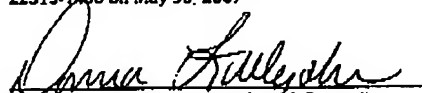
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Donna Littlejohn, Secy to Arthur M. Reginelli

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT  
37 C.F.R. § 1.97(b)

Sir:

Applicants submit this paper to introduce art that they wish to have the Examiner consider. 37 C.F.R. §§ 1.56 & 1.97.

The art has been listed on the attached modified PTO Forms 1449. This includes one hundred eleven U.S. patent documents and two foreign patent publications. Copies of the U.S. patent documents have not been submitted pursuant to 37 C.F.R. § 1.491(b).

No representation is made that a specific search has been made by the Applicants, that the information is material to the claimed subject matter, or that the information is non-cumulative, or that the information represents the only or the best information. The Applicants do not admit that any of the information they have provided is necessarily prior to their invention but rather that it is information known of at this time. Any question that may arise regarding priority of a specific reference shall be resolved during prosecution.

The enclosed documents are being submitted for the express purpose of providing the Patent and Trademark Office with the opportunity to make an evaluation and to arrive at an independent assessment of materiality of each document to the

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examination of this application. The Examiner is requested to disregard any markings on the documents.

Applicants respectfully request that the information cited be made of record in the subject case.

**IDENTIFICATION OF TIME OF FILING THE INFORMATION  
DISCLOSURE STATEMENT**

The Information Disclosure Statement submitted herewith is being filed after the mailing of a first Office Action on the merits in the subject application and after three months of the filing of the subject application. A certification pursuant to 37 C.F.R. § 1.97(e) cannot be made at this time. The Commissioner is specifically authorized to charge Deposit Account No. 06-0925 in the amount of \$180.00 for the payment of fees associated with this Information Disclosure Statement. In the event that an additional fee is due or that any amount should be credited, the Commissioner is authorized to charge any additions fees or credit any overpayment to Deposit Account No. 06-0925.

Respectfully submitted,



Arthur M. Reginelli, Reg. No. 40,139  
Tama L. Drenski, Reg. No. 50,323  
Renner, Kenner, Greive, Bobak, Taylor & Weber  
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Akron, Ohio 44308-1456  
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Attorney for Applicants

May 30, 2007

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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 6

## **Complete if Known**

Application Number	10/526,132
Filing Date	February 28, 2005
First Named Inventor	HOGAN
Art Unit	1713
Examiner Name	Roberto Robago
Attorney Docket Number	P02039US2A

## **U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	1	US- 2,515,318	07/18/1950	Schoene	
	2	US- 4,839,434	06/13/1989	Bronstert et al.	
	3	US- 6,838,526	01/04/2005	Sone et al.	
	4	US- 6,596,798	07/22/2003	Rademacher et al.	
	5	US- 5,579,949	06/17/2003	Hergenrother et al.	
	6	US- 2006/0074197	04/08/2006	Hogan et al.	
	7	US- 7,153,919	12/26/2006	Hogan et al.	
	8	US- 2006/0264590	11/23/2006	Hogan et al.	
	9	US- 2006/0264589	11/23/2006	Yan	
	10	US- 4,713,409	12/15/1987	Hayes et al.	
	11	US- 4,675,355	06/23/1987	Hirata et al.	
	12	US- 4,570,690	02/18/1986	Graves	
	13	US- 4,557,306	12/10/1985	Graves	
	14	US- 4,465,829	08/14/1984	Graves	
	15	US- 4,052,370	10/04/1977	Malasa et al.	
	16	US- 5,268,439	12/07/1993	Hergenrother et al.	
	17	US- 5,274,106	12/28/1993	Lawson et al.	
	18	US- 5,268,413	12/07/1993	Antkowiak et al.	
	19	US- 5,254,628	10/19/1993	Lawson et al.	

## **FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> Number * Kind Code <sup>4</sup> (if known)				
	1	EP 0 693 505 A1	01/24/1996	Bridgestone Corporation		
	2	GB 1 258 893	12/30/1971	Duck and Ridgewell		

Examiner  
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Considered

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2

of 6

**Complete if Known**

Application Number	10/526,132
Filing Date	February 28, 2005
First Named Inventor	HOGAN
Art Unit	1713
Examiner Name	Roberto Robago
Attorney Docket Number	P02039US2A

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		Number-Kind Code <sup>2</sup> (if known)			
	20	US- 5,254,628	10/19/1993	Lawson et al.	
	21	US- 5,248,722	09/28/1993	DeTrano et al.	
	22	US- 5,244,966	09/14/1993	Hergenrother et al.	
	23	US- 5,238,893	08/24/1993	Hergenrother et al.	
	24	US- 5,227,431	07/13/1993	Lawson et al.	
	25	US- 5,217,549	06/08/1993	Johnson	
	26	US- 5,210,145	05/11/1993	Lawson et al.	
	27	US- 5,210,144	05/11/1993	Lawson et al.	
	28	US- 5,153,271	10/06/1992	Lawson et al.	
	29	US- 5,153,159	10/06/1992	Antkowiak et al.	
	30	US- 5,151,469	09/29/1992	Hergenrother et al.	
	31	US- 5,109,907	05/05/1992	Stayer, Jr. et al.	
	32	US- 5,066,729	11/19/1991	Stayer, Jr. et al.	
	33	US- 4,927,887	05/22/1990	Tate et al.	
	34	US- 4,822,845	04/18/1989	Graves et al.	
	35	US- 4,762,870	08/09/1988	Graves et al.	
	36	US- 4,761,446	08/02/1988	Graves et al.	
	37	US- 4,751,271	06/14/1988	Graves	
	38	US- 5,463,004	10/31/1995	Horikawa	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 3

of 6

**Complete if Known**

Application Number	10/526,132
Filing Date	February 28, 2005
First Named Inventor	HOGAN
Art Unit	1713
Examiner Name	Roberto Robago
Attorney Docket Number	P02039US2A

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> of record			
	39	US- 5,463,003	10/31/1995	Honkawa et al.	
	40	US- 5,436,290	07/25/1995	Lawson et al.	
	41	US- 5,420,219	05/30/1995	Lawson et al.	
	42	US- 5,393,721	02/28/1995	Kitamura et al.	
	43	US- 5,367,014	11/22/1994	Morehart	
	44	US- 5,354,822	10/11/1994	Antkowiak et al.	
	45	US- 5,349,024	09/20/1994	Hergenrother et al.	
	46	US- 5,346,962	09/13/1994	Hergenrother et al.	
	47	US- 5,332,810	07/26/1994	Lawson et al.	
	48	US- 5,329,005	07/12/1994	Lawson et al.	
	49	US- 5,310,798	05/10/1994	Lawson et al.	
	50	US- 5,276,099	01/04/1994	Hergenrother et al.	
	51	US- 5,521,309	05/28/1996	Antkowiak et al.	
	52	US- 5,519,086	05/21/1996	Lawson et al.	
	53	US- 5,508,336	04/16/1996	Takeichi et al.	
	54	US- 5,508,333	04/16/1996	Shimizu	
	55	US- 5,502,131	03/26/1996	Antkowiak et al.	
	56	US- 5,502,130	03/26/1996	Lawson et al.	
	57	US- 5,502,129	03/26/1996	Hergenrother et al.	

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Sheet 4

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Art Unit	1713
Examiner Name	Roberto Robago
Attorney Docket Number	P02039US2A

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	58	US- 5,500,447	03/19/1996	Lawson et al.	
	59	US- 5,496,940	03/05/1996	Lawson et al.	
	60	US- 5,494,958	02/27/1996	Freeman et al.	
	61	US- 5,494,091	02/27/1996	Freeman et al.	
	62	US- 5,491,230	02/13/1996	Lawson et al.	
	63	US- 5,464,899	11/07/1995	Freeman et al.	
	64	US- 5,677,399	10/14/1997	Hall	
	65	US- 5,700,888	12/23/1997	Hall	
	66	US- 5,674,798	10/07/1997	Kitamura et al.	
	67	US- 5,643,848	07/01/1997	Lawson et al.	
	68	US- 5,625,017	04/29/1997	Monta et al.	
	69	US- 5,616,704	04/01/1997	Lawson et al.	
	70	US- 5,610,237	03/11/1997	Lawson et al.	
	71	US- 5,610,228	03/11/1997	Lawson et al.	
	72	US- 5,610,227	03/11/1997	Antkowiak et al.	
	73	US- 5,578,542	11/26/1996	Lawson et al.	
	74	US- 5,574,109	11/12/1996	Lawson et al.	
	75	US- 5,574,109	11/12/1996	Lawson et al.	
	76	US- 5,567,815	10/22/1996	Hall et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code* Number* Kind Code <sup>3</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>4</sup>

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STATEMENT BY APPLICANT**

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Sheet 5

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Examiner Name	Roberto Robago
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	77	US- 5,552,499	09/03/1996	Kitamura et al	
	78	US- 5,552,473	09/03/1996	Lawson et al.	
	79	US- 5,536,801	07/16/1996	Antkowiak et al	
	80	US- 5,523,371	06/04/1996	Lawson et al	
	81	US- 5,523,371	07/04/1996	Lawson et al.	
	82	US- 5,935,893	08/10/1999	Lawson et al	
	83	US- 5,932,662	08/03/1999	Lawson et al.	
	84	US- 5,916,976	06/29/1999	Kerns et al.	
	85	US- 5,916,961	06/29/1999	Hergenrother et al	
	86	US- 5,883,183	03/16/1999	Kitamura et al	
	87	US- 5,866,650	02/02/1999	Lawson et al	
	88	US- 5,792,820	08/11/1998	Lawson et al	
	89	US- 5,786,441	07/28/1998	Lawson et al.	
	90	US- 5,785,778	07/28/1998	Lawson et al	
	91	US- 5,736,617	04/07/1998	Kerns et al.	
	92	US- 5,723,533	03/03/1998	Lawson et al.	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 6

of 6

**Complete if Known**

Application Number	10/526,132
Filing Date	February 28, 2005
First Named Inventor	HOGAN
Art Unit	1713
Examiner Name	Roberto Robago
Attorney Docket Number	P02039US2A

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Examiner Initials <sup>1</sup>	Cite No. <sup>2</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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